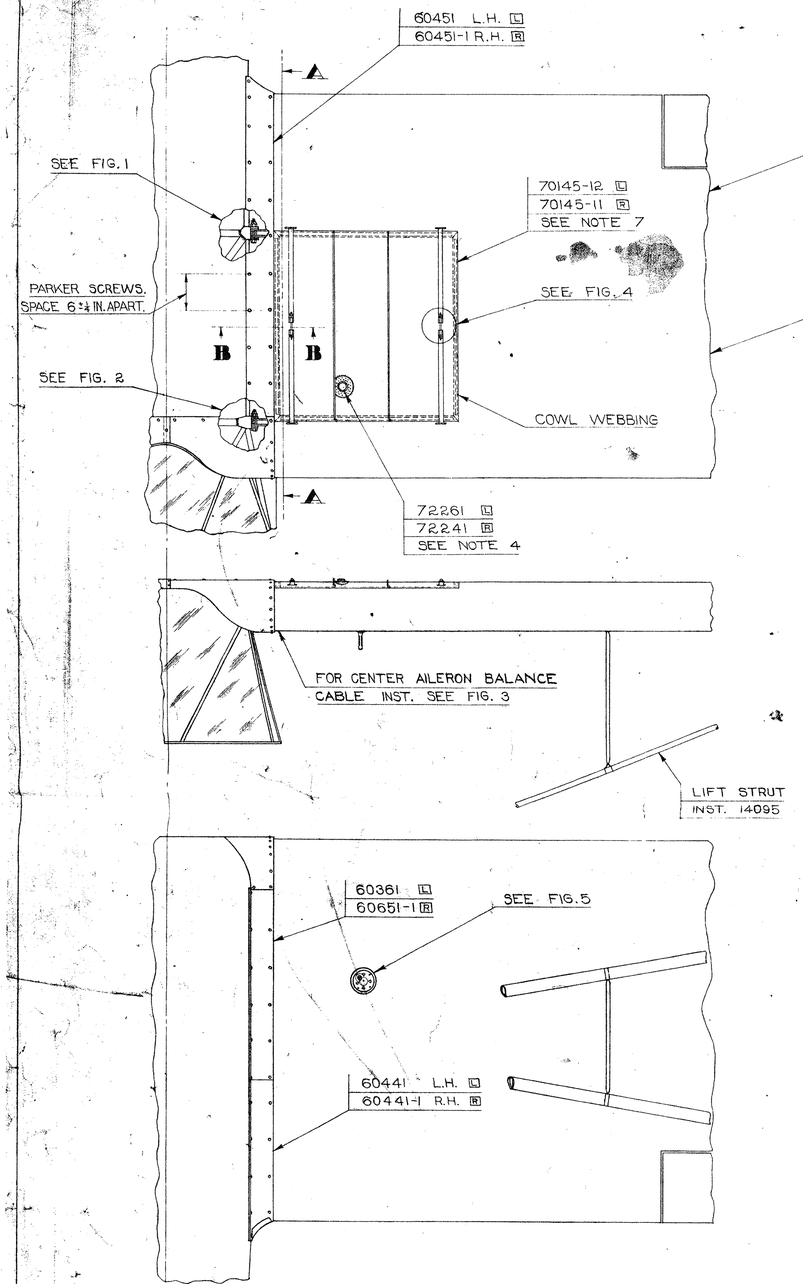


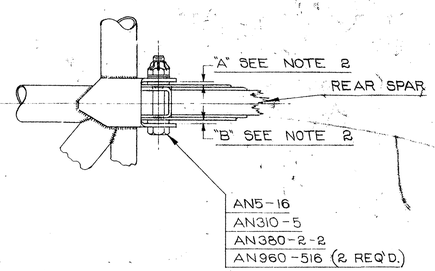


FIG. 1
WING ATTACHMENT
6 IN. = 1 FT.

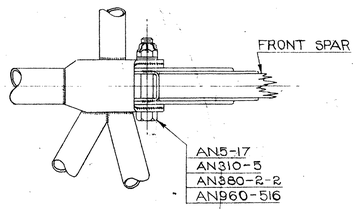
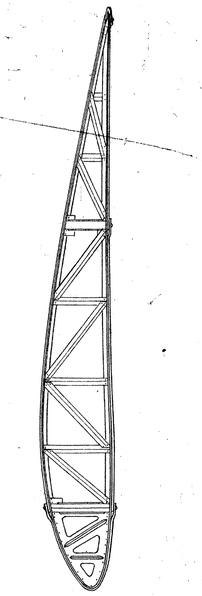


FIG. 2
WING ATTACHMENT
6 IN. = 1 FT.



SECTION A-A
SHOWING OVERLAP OF FAIRINGS
1½ IN. = 1 FOOT

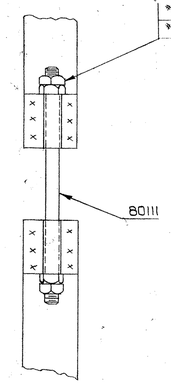
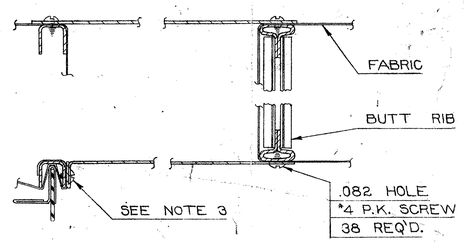


FIG. 4
STRAP JOINT



SECTION B-B
FULL SIZE

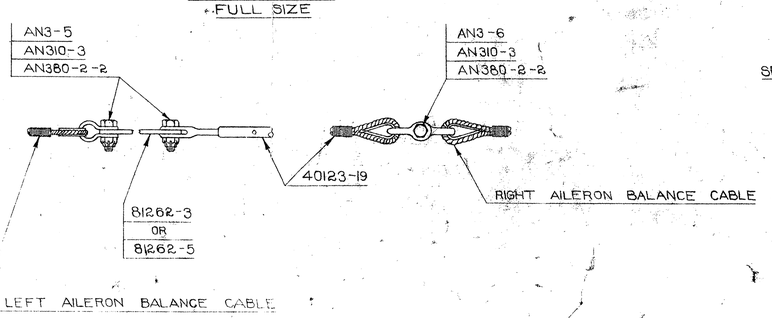


FIG. 3
6 IN. = 1 FOOT

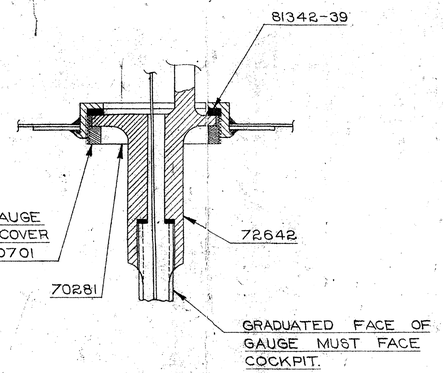


FIG. 5
SECTION AT FUEL GAUGE
FULL SIZE

16531-1	1	WING ASSY. (METAL SPAR) (SEE NOTE 5)	
16531-2	1		
16531-			
71614-4	1	ELBOW ASS'Y.	
	1	1/8 x 5/8 x 12.6 COTTON WEBBING	
70145-11	1	FUEL TANK	
*10-32	8	PLAIN NUTS OR	
	4	ELASTIC STOP NUTS	
80111	2	STUD	
72241	1	FUEL TANK CAP	
81342-29	1	WASHER	
72642	1	GAUGE	
60701	1	OPENING COVER	INCLUDE THESE
70281	1	COLLAR	PARTS WHEN USING
	2	5/8 DIA. IDEAL HOSE CLAMP	20 GAL. FUEL
82371-2	1	FLEXIBLE HOSE	SYSTEM (FOR INST.
72101	1	VENT HOSE	SEE DWG. 71935)
72081	1	FINGER STRAINER	
*10-32	16	PLAIN NUTS OR	
	8	ELASTIC STOP NUTS	
80111	4	STUD	
72241	1	FUEL TANK CAP	
72261	1		
81342-39	2	WASHER	
72642	2	GAUGE	
60701	2	OPENING COVER	
70281	2	COLLAR	
74C38	1	VALVE ASS'Y.	
84052	1	STREET ELBOW	
	4	5/8 DIA. IDEAL HOSE CLAMP	
82371-2	2	FLEXIBLE HOSE	INCLUDE THESE
72331-3	1	PIPE	PARTS WHEN USING
72331-2	1		38 GAL. FUEL
72321	1	FINGER STRAINER	SYSTEM (FOR INST.
72101	2	VENT HOSE	SEE DWG. 72275)
72081	1	FINGER STRAINER	
71641-4	1	ELBOW ASS'Y.	
	1	1/8 x 5/8 x 25.2 COTTON WEBBING	
70145-11	1	FUEL TANK	
70145-12	1		
*6	8	3/8 LONG	TYPE "A" STOVE HD. P.K. SCREW
*4	76	1/4 LONG	
AN960-516	6	WASHER	
AN380-2-2	7	COTTER PIN	
AN310-5	4	NUTS	
AN310-3	3		
AN5-17	2	BOLTS	
AN5-16	2		
AN3-6	1		
AN3-5	2		
81262-5	1	LINK	
81262-3			
72275	1	38 GAL. FUEL SYSTEM INST. (SEE NOTE 4)	
71935	1	20 GAL. FUEL SYSTEM INST. (SEE NOTE 4)	
60451-1	1	WING ROOT UPPER FAIRING	
60451	1		
60441-1	1	WING ROOT REAR FAIRING	
60441	1		
60651-1	1	WING ROOT FRONT FAIRING	
60361	1		
40123-19	1	CENTER BALANCE CABLE	
14731-1	1	WING ASS'Y. (WOOD SPAR) (SEE NOTE 5)	
14731-2			
14731			
14095	2	LIFT STRUT INST.	
PART NO.	NO. REQ.	SIZE DESCRIPTION MATERIAL	

SCALE 1 IN. = 1 FT. & NOTED — TOTAL WT.-LBS.
FINISH-PIPER SPECIFICATION #10
MANUFACTURING PRACTICES-PIPER SPECIFICATION #9

NOTES:

1. PARTS MARKED [L] USED ON LEFT INSTALLATION ONLY. PARTS MARKED [R] USED ON RIGHT INSTALLATION ONLY.
2. "A" & "B" MUST NOT EXCEED 3/32, WHEN EITHER "A" OR "B" EXCEEDS 1/32, SHIM WITH WASHERS AN960-516L TO SUIT.
3. USE .093 HOLE, *6 P.K. SCREW AT ALL POINTS OF OVERLAP OF COVERS ON FUSELAGE, AND TOP OF TRAILING EDGE.
4. FOR APPROPRIATE FUEL SYSTEM PARTS NECESSARY TO COMPLETE THIS INSTALLATION SEE BILL OF MATERIAL.
5. ON AIRPLANES WITH AUXILIARY FUEL SYSTEM 14731-2 REPLACES 14731 (WOOD SPAR WING) 16531-2 REPLACES 16531 (METAL SPAR WING)
6. LEFT INSTALLATION SHOWN (BILL OF MATERIAL FOR LEFT & RIGHT INSTALLATIONS)
7. WITH 20 GAL. FUEL SYSTEM USE 1 OF 70145-11, WITH 38 GAL. FUEL SYSTEM USE 1 EACH OF 70145-11 & 70145-12

LET.	REVISION	DATE	BY
K	SUB BY 10185 FOR J5C	11-15-45	H.M.
J	REDRAWN & REVISED	8-11-44	H.N.

J5C. 1 83423 10185
MODEL PER PLANE NEXT ASSEMBLY SUPERSEDES SUP. BY

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

A. NOOSE — 8-11-44 — GRAFTSMAN
R. E. T. — 8-14-44 — CHECKER
STANDARDS

WING INSTALLATION

14105